No. 200800320

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Monsanto Company

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSES, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. IN THE UNITED STATES SEED OF THIS VARIETY (1) MAY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED AND (2) SHALL CONFORM TO THE NUMBER OF GENERATIONS SPECIFIED BY THE OWNER OF THE RIGHTS. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

WHEAT, COMMON

'9700'

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington, D.C. this ninth day of December, in the year two thousand and eight.

Attest:

Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

Secretary of Agriculture

REPRODUCE LOCALLY. Include form number and date on all reproductions.

Form Approved OMB NO 0581-0055

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY - PLANT VARIETY PROTECTION OFFICE
APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE
(Instructions and information collection burden statement on reverse)

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF OWNER	2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER	3. VARIETY NAME
Monsanto Company	**D02-8486**	**9700**

4. ADDRESS *(Street and No. or RD No., City, State, Zip Code, and Country)*	5. TELEPHONE (include area code)	FOR OFFICIAL USE ONLY
800 N. Linbergh Blvd. **Mail Zone:E3NA** **Creve Coeur, MO 63167**	**314.694.6089** **314.694.7250**	PVPO NUMBER #200800320 FILING DATE July 14, 2008

7. IF THE OWNER NAMED IS NOT A "PERSON", GIVE FORM ORGANIZATION *(corporation, partnership, association, etc.)*	8. IF INCORPORATED, GIVE STATE OF INCORPORATION	9. DATE OF INCORPORATION
Corporation	**Delaware**	**1933**

10. NAME AND ADDRESS OF OWNER REPRESENTATIVE(S) TO SERVE IN THIS APPLICATION. *(First person listed will receive all papers)*

Ms. Sally Metz
800 N. Linbergh Blvd.
Creve Coeur, MO 63167

Copy to : Chris Bruns
PO Box 30
Berthoud, CO 80513
crbruns@lpbroadband.net

FEES RECEIVED
FILING AND EXAMINATION FEES: $ 4382.00
DATE 7/14/2008
CERTIFICATION FEE: $768.00 9/8/08

11. TELEPHONE (Include area code)	12. FAX (Include area code)	13. E-MAIL
314.694.6089	**314.694.7250**	

14. CROP KIND *(Common Name)*	16. FAMILY NAME *(Botanical)*	18. DOES THE VARIETY CONTAIN ANY TRANSGENES? (*OPTIONAL*)
Soft Red Winter Wheat	**Gramineae**	[ ] YES [X] NO
15. GENUS AND SPECIES NAME OF CROP	17. IS THE VARIETY A FIRST GENERATION HYBRID?	IF SO, PLEASE GIVE THE ASSIGNED USDA-APHIS REFERENCE NUMBER FOR THE APPROVED PETITION TO DEREGULATE THE GENETICALLY MODIFIED PLANT FOR COMMERICALIZATION.
Triticum aestivum	[ ] YES [X] NO	

19. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow instructions on reverse)

a. [X] Exhibit A. Origin and Breeding History of the Variety
b. [X] Exhibit B. Statement of Distinctness
c. [X] Exhibit C. Objective Description of Variety
d. [X] Exhibit D. Additional Description of the Variety *(Optional)*
e. [X] Exhibit E. Statement of the Basis of the Owner's Ownership
f. [X] Voucher Sample *(2,500 viable untreated seeds or, for tuber propagated varieties, verification that tissue culture will be deposited and maintained in an approved public repository)*
g. [X] Filing and Examination Fee ($3,652), made payable to "Treasurer of the United States" *(Mail to the Plant Variety Protection Office*

20. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE SOLD AS A CLASS OF CERTIFIED SEED? (See Section 83(a) of the Plant Variety Protection Act)
[X] YES *(If "yes", answer items 21 and 22 below* [ ] NO *(If "no", go to item 23)*

21. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF CLASSES?
[ ] YES [X] NO
IF YES, WHICH CLASSES? [ ] FOUNDATION [ ] REGISTERED [ ] CERTIFIED

22. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?
[ ] YES [X] NO
IF YES, SPECIFY THE NUMBER 1,2,3, etc. FOR EACH CLASS.
[ ] FOUNDATION [ ] REGISTERED [ ] CERTIFIED
(If additional explanation is necessary, please use the space indicated on the reverse.)

23. HAS THE VARIETY (INCLUDING ANY HARVESTED MATERIAL) OR A HYBRID PRODUCED FROM THIS VARIETY BEEN SOLD, DISPOSED OF, TRANSFERRED, OR USED IN THE U. S. OR OTHER COUNTRIES?
[X] YES [ ] NO
IF YES, YOU MUST PROVIDE THE DATE OF FIRST SALE, DISPOSITION, TRANSFER, OR USE FOR EACH COUNTRY AND THE CIRCUMSTANCES. *(Please use space indicated on reverse.)*

24. IS THE VARIETY OR ANY COMPONENT OF THE VARIETY PROTECTED BY INTELLECTUAL PROPERTY RIGHT (PLANT BREEDER'S RIGHT OR PATENT)?
[ ] YES [X] NO
IF YES, PLEASE GIVE COUNTRY, DATE OF FILING OR ISSUANCE AND ASSIGNED REFERENCE NUMBER. *(Please use space indicated on reverse.)*

25. The owners declare that a viable sample of basic seed of the variety has been furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate.
The undersigned owner(s) is(are) the owner of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.
Owner(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.

SIGNATURE OF OWNER		SIGNATURE OF OWNER	
NAME *(Please print or type)* **Sally Metz**		NAME *(Please print or type)*	
CAPACITY OR TITLE **Director Wheat Technology**	DATE 6-25-08	CAPACITY OR TITLE	DATE

(See reverse for instructions and information collection burden statement)

TREPRODUCE will be held in the PVPO for not more than 90 days, then returned to the applicant as unfiled. Mail application and other requirements to Plant Variety Protection Office, AMS, USDA, Room 401, NAL Building, 10301 Baltimore Avenue, Beltsville, MD 20705-2351. Retain one copy for your files. All items on the face of the application are self explanatory unless noted below. Corrections on the application form and exhibits must be initialed and dated. **DO NOT** use masking materials to make corrections. If a certificate is allowed, you will be requested to send a check payable to "Treasurer of the United States" in the amount of $432 for issuance of the certificate. Certificates will be issued to owner, not licensee or agent.

Plant Variety Protection Office
Telephone: (301) 504-5518
FAX: (301) 504-5291
Homepage: http://www.ams.usda.gov/science/pvpo/pvp.htm

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To avoid conflict with other variety names in use, the applicant must check the appropriate recognized authority and provide evidence that name has been cleared by the appropriate recognized authority before the Certificate of Protection is issued. For example, for agricultural and vegetable crops, contact: Seed Branch, AMS, USDA, 10301 Baltimore Avenue, Suite 401 NAL Building, Beltsville, MD 20705. Telephone: (301) 504-5682 http://www.ams.usda.gov/lsg/seed.htm.

ITEM

19a. Give:
(1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method;
(2) the details of subsequent stages of selection and multiplication;
(3) evidence of uniformity and stability; and
(4) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified

19b. Give a summary of the variety's distinctness. Clearly state how this application variety may be distinguished from all other varieties in the same crop. If the new variety is most similar to one variety or a group of related varieties:

(1) identify these varieties and state all differences objectively;
(2) attach statistical data for characters expressed numerically and demonstrate that these are clear differences; and
(3) submit, if helpful, seed and plant specimens or photographs (prints) of seed and plant comparisons which clearly indicate distinctness.

19c. Exhibit C forms are available from the PVPO Office for most crops; specify crop kind. Fill in Exhibit C (Objective Description of Variety) form as completely as possible to describe your variety.

19d. Optional additional characteristics and/or photographs. Describe any additional characteristics that cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the characteristics that are difficult to describe, such as plant habit, plant color, disease resistance, *etc.*

19e. Section 52(5) of the Act requires applicants to furnish a statement of the basis of the applicant's ownership. An Exhibit E form is available from the PVPO.

20. If "Yes" is specified *(seed of this variety be sold by variety name only, as a class of certified seed)*, the applicant **MAY NOT** reverse this affirmative decision after the variety has been sold and so labeled, the decision published, or the certificate issued. However, if "No" has been specified, the applicant may change the choice. *(See Regulations and Rules of Practice, Section 97.103).*

23. *See Sections 41, 42, and 43 of the Act and Section 97.5 of the regulations for eligibility requirements.*

24. *See Section 55 of the Act for instructions on claiming the benefit of an earlier filing date.*

22. CONTINUED FROM FRONT *(Please provide a statement as to the limitation and sequence of generations that may be certified.)*

The variety '9700' will be constituted from Breeders seed, and proceed through Foundation, Registered and Certified in succeeding generations. Generations which may be multiplied will be limited to Breeders seed, Foundation, Registered and Certified.

23. CONTINUED FROM FRONT *(Please provide the date of first sale, disposition, transfer, or use for each country and the circumstances, if the variety (including any harvested material) or a hybrid produced from this variety has been sold, disposed of, transferred, or used in the U.S. or other countries.)*

Limited Certified seed stocks of 9700 were sold in the Fall of 2007.

24. CONTINUED FROM FRONT *(Please give the country, date of filing or issuance, and assigned reference number, if the variety or any component of the variety is protected by intellectual property right (Plant Breeder's Right or Patent).)*

NOTES: It is the responsibility of the applicant/owner to keep the PVPO informed of any changes of address or change of ownership or assignment or owner's representative during the life of the application/certificate. The fees for filing a change of address; owner's representative; ownership or assignment; or any modification of owner's name is specified in Section 97.175 of the regulations. *(See Section 101 of the Act, and Sections 97.130, 97.131, 97.175(h) of the Regulations and Rules of Practice.)*

ST-470 (04-03) designed by the Plant Variety Protection Office using Word 2002.

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Origin and Breeding History of '9700'

A bulk breeding system was used to develop 9700 (see Table 1 for details, page 2). 9700 was derived from a head that was selected in spring of 2000 from an F4 bulk population with the parentage of NEPAL133/91D-2085//2580/3/SAVANNAH, that was grown near Cleveland, MS. This population originated in spring of 1994 when AgriPro Wheat personnel in the greenhouse at Brookston, IN crossed NEPAL 133 to an AgriPro Wheat experimental breeding line, 91D-2085, to produce F1 seed which was then topcrossed in the greenhouse in fall of 1994 with the Pioneer variety "2580". (The pedigree of 91D-2085 is 803-4/103-77//75-822-2/3/Olesen/Lewis-80//SaLorprobend2.) The resulting 3-way F1 was further topcrossed in the greenhouse in fall of 1995 with SAVANNAH (USA-AgriPro) to produce the complex cross from which 9700 was derived (see Chart 1 for details, page 2b; All known information about NEPAL 133, 103-77, 75-822-2, and Sa Lorprobend2 is noted in this parentage chart). The F5 head row that produced 9700 was selected for height, appearance, early maturity, and kernel soundness. Selection in advanced generations was based on yield, test weight, early maturity, plant height, appearance and resistance to the then current races of stripe rust.

Yield testing of 9700 was initiated in the 2002-2003 season at the F7 generation. Advanced and elite yield testing has been conducted since this time. 9700 is also being tested in state-run official wheat trials in Arkansas, Louisiana, Mississippi, and Georgia in 2006-07.

In 2003-04, sixty four purification nested headrows were grown near Jonesboro, Arkansas, from heads selected from a rogued F7 plot of 9700 (aka D02-8486). Fifteen of these headrows were selected for purity and "trueness to type", individually harvested, and shipped to Colorado for Progeny Plot seed increase in 2004-05. Seeds from each of the progeny selections were also individually grown in observation plots near Jonesboro, AR for purity and type evaluation in the target region. Six of these fifteen progeny plots grown in Eaton, Colorado were selected as "truest to type" and bulk harvested. In 2005-06, Breeders seed was planted on 5.54 acres in Colorado. The best 3.33 acres of this field were rogued and harvested to form Foundation seed of 9700 (exp. designation D02-8486). In 2007 Foundation seed is being grown in Texas and Arkansas.

9700 has been uniform and stable since 2006. Less than 0.8% of the plants were rogued from the Breeder's seed increase in 2006. Approximately 90% of the rogued variant plants were taller awned wheat plants and 10% were awnless wheat plants. Up to 1.0% variant plants may be encountered in subsequent generations.

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Exhibit A. Origin and Breeding History of 9700 (continued)

Table 1: Development details for 9700

Season	Generation	*Location*	*Activity*
1994 spring	F0a	Brookston, IN	Cross made in greenhouse (March)
1994 fall	F0b	Brookston, IN	Cross made in greenhouse (December)
1995 fall	F0c	Brookston, IN	Cross made in greenhouse (December)
1996-1997	F1	Jonesboro, AR	Complex cross F1 row grown in field.
1997-1998	F2	Marion, AR	Bulk population grown in the field. Advancement based on height, maturity, and kernel soundness.
1998-1999	F3	Jonesboro, AR	Bulk population grown in the field. Advancement based on height, maturity, and kernel soundness.
1999-2000	F4	Cleveland, MS	Bulk population grown in the field. Advancement based on height, maturity, head appearance and kernel soundness.
2000-2001	F5	Jonesboro, AR	Head row nursery, selection based on height, maturity, appearance and kernel soundness.
2001-2002	F6	Jonesboro, AR Cleveland, MS	Observation nursery #523, Entry #12, assigned line number D02-8486. Selection based on height, early maturity, test weight, resistance to stripe rust, and plant appearance.
2002-2003	F7	7 locations in Midsouth	Yield testing. Advancement based on grain yield, test weight, height, early maturity, and resistance to stripe rust. Heads selected to begin line purification.
2003-2004	F8	12 locations in Midsouth	Yield testing. Advancement based on grain yield, test weight, height, early maturity, and resistance to current field races of stripe rust. 64 nested head rows for 'variety' purification. 15 of these were selected and individually harvested to produce progeny plots.
2004-2005	F9	13 locations in Midsouth	Yield testing. Advancement based on grain yield, test weight, height, early maturity, and resistance to current field races of stripe rust. 15 progeny increase plots grown from selected head rows were produced in Eaton Co., Colorado. Six of these 15 progeny plots were selected and bulk harvested to produce pre-Breeder Seed.
2005-2006	F10	19 locations; 26 locs USSWN	In-house Yield testing + USDA Uniform Southern SW Nursery entry #41. Advancement based on grain yield, test weight, height, early maturity, & resistance to current field races of stripe rust. Pre-Breeder Seed was grown on a 5.54 acre increase in Eaton Co., Colorado and 3.33 acres of this were harvested to produce Breeder Seed.
2006-2007	F11	In-house Elite + official state Wheat Variety Trials in AR, LA, MS, GA	In-house Yield testing + official state trials. Advancement based on grain yield, test weight, height, early maturity, & resistance to current field races of stripe rust. Breeders Seed was planted on 251 acres in NE Texas and ~45 acres near DeWitt, AR to produce Foundation Seed.

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Exhibit A. Origin and Breeding History of 9700 (continued & revised)

Chart 1: Development details for 9700

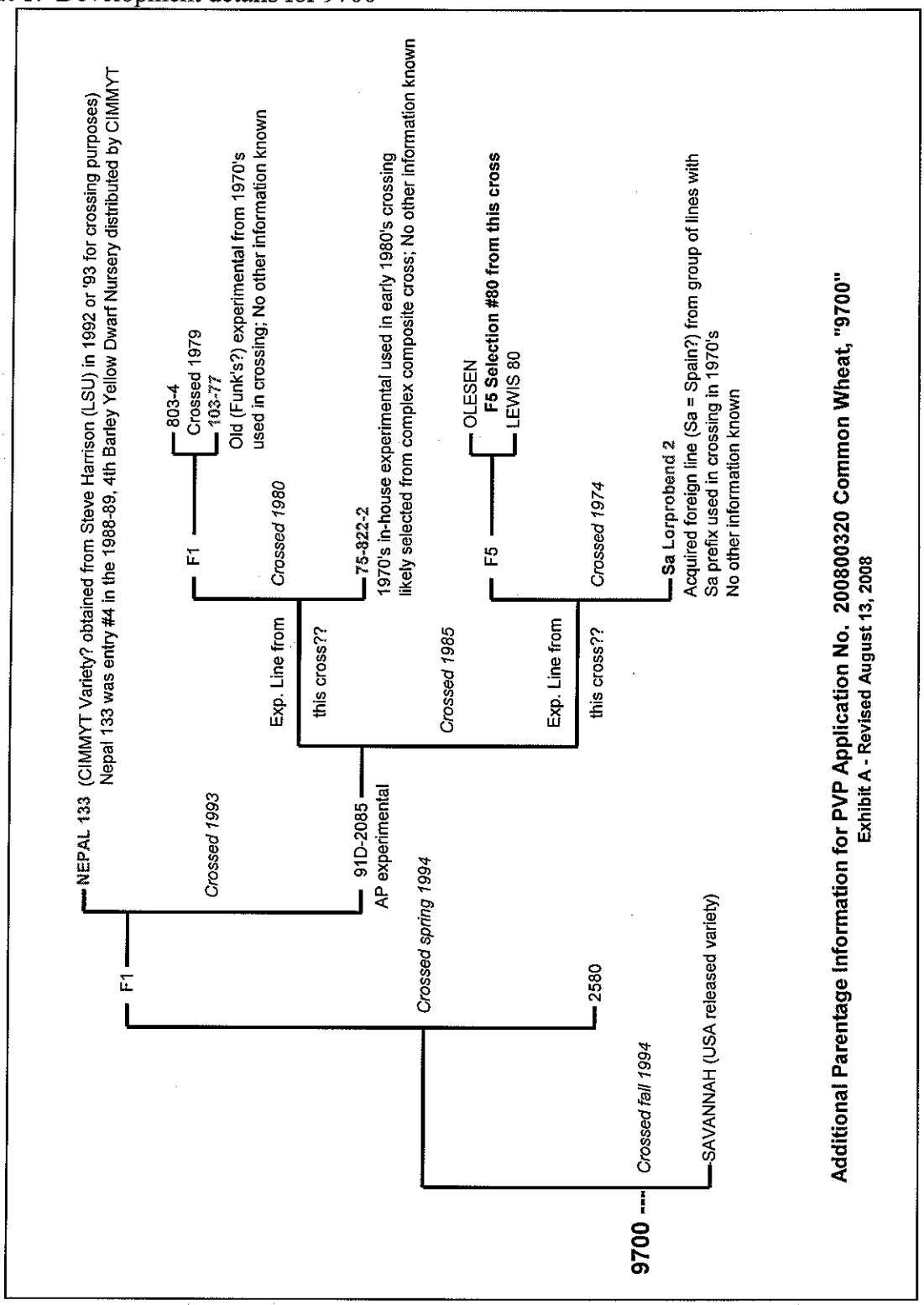

Exhibit B.
Statement of Distinctness

9700 is most similar to the soft red winter wheat 'Beretta'. However it can be distinguished by the following characteristics:

- 9700 has an oblique shoulder shape on the glume (Eaton CO 2006-2007). Beretta has a square shoulder shape on the glume (Eaton CO 2006-2007).

- 9700 does not have hairs on the last internode of the rachis (Eaton CO 2006-2007). Beretta does have hairs on the last internode of the rachis (Eaton CO 2005-2006).

REPRODUCE LOCALLY. Include form number and date on all reproductions. Form Approved OMB NO 0581-0055

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE DIVISION
BELTSVILLE, MARYLAND 20705

EXHIBIT C

OBJECTIVE DESCRIPTION OF VARIETY
WHEAT (*Triticum* Spp.)

NAME OF APPLICANT(S)	TEMPORARY OR EXPERIMENTAL DESIGNATION	VARIETY NAME
Syngenta Seeds, Inc.	*D02-8486*	**9700**

ADDRESS *(Street and No. or RD No., City, State, Zip Code, and Country)*

6515 Ascher Road

Junction City, Kansas 66441

FOR OFFICIAL USE ONLY

PVPO NUMBER **#200800320**

PLEASE READ ALL INSTRUCTIONS CAREFULLY:

Place the appropriate number that describes the varietal character of this variety in the boxes below. Place a zero in the first box (e.g., 0 9 9 or 0 9) when number is either 99 or less or 9 or less respectively. Data for quantitative plant characters should be based on a minimum of 100 plants. Comparative data should be determined from varieties entered in the same trial. Royal Horticultural Society or any recognized color standard may be used to determine plant colors; designate system used: _____. Please answer all questions for your variety; lack of response may delay progress of your application.

1. KIND:

[1]

1=Common
2=Durum
3=Club
4=Other (specify)_____

2. VERNALIZATION:

[2]

1=Spring
2=Winter
3=Other (specify)_____

3. COLEOPTILE ANTHOCYANIN:

[2]

1=Absent 2=Present

4. JUVENILE PLANT GROWTH:

[2]

1=Prostrate 2=Semi-erect 3=Erect

5. PLANT COLOR (*boot stage*):

[3]

1 = Yellow-Green
2 = Green
3 = Blue-Green

6. FLAG LEAF (*boot stage*):

[1]	1 = Erect	2 = Recurved
[2]	1 = Not Twisted	2 = Twisted
[2]	1 = Wax Absent	2 = Wax Present

7. EAR EMERGENCE:

[1][0][5] Number of Days (Average)

[0][1] Number of Days Earlier Than * *AGS 2000*

[0][0] Same As _____
Number of Days Later Than * _____

*Relative to a PVPO-Approved Commercial Variety Grown in the Same Trial

8. ANTHER COLOR:

[1]

1 = YELLOW 2 = PURPLE

9. PLANT HEIGHT: (from soil to top of head, excluding awns):

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0 9 7	cm (Average)	
0	cm Taller Than	*
	Same As	*
0 4	cm Shorter Than	* *AGS 2000*

10. STEM:

A. ANTHOCYANIN

1 = Absent 2 = Present

1

B. WAXY BLOOM

1 = Absent 2 = Present

2

C. HAIRINESS (last internode of rachis)

1 = Absent 2 = Present

1

D. INTERNODE

1 = Hollow 2 = Semi-solid 3 = Solid

1

5 Number of Nodes

E. PEDUNCLE

1 = Erect 2 = Recurved 3 = Semi-erect

3

1 2 cm Length

F. AURICLE

2 Anthocyanin 1 = Absent 2 = Present

1 Hair: 1 = Absent 2 = Present

11. HEAD: (At Maturity)

A. DENSITY

2

1 = Lax
2 = Middense (Laxidense)
3 = Dense

B. SHAPE

1

1 = Tapering
2 = Clavate
3 = Strap
4 = Other (specify) _____

C. CURVATURE

2

1 =Erect
2 = Inclined
3 = Recurved

D. AWNEDNESS

2

1 = Awnless
2 = Apically awnletted
3 = Awnletted
4 = Awned

12. GLUMES: (At Maturity)

A. COLOR

1

1 = White
2 = Tan
3 = Other (specify) _____

B. SHOULDER

2

1 = Wanting 2 = Oblique
3 = Rounded 4 = Square
5 = Elevated 6 = Apiculate
7 = Other (Specify) _____

C. SHOULDER WIDTH

2

1 = Narrow
2 = Medium
3 = Wide

D. BEAK

1

1 = Obtuse
2 = Acute
3 = Acuminate

E. BEAK WIDTH

2

1 = Narrow
2 = Medium
3 = Wide

F. GLUME LENGTH

2

1 = Short (ca. 7mm)
2 = Medium (ca. 8mm)
3 = Long (ca. 9mm)

G. WIDTH

3

1 = Narrow (ca. 3mm)
2 = Medium (ca. 3.5mm)
3 = Long (ca. 4mm) Wide

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13. SEED:

A. SHAPE: [1] 1 = Ovate; 2 = Oval; 3 = Elliptical

B. CHEEK: [1] 1=Rounded; 2=Angular

C. BRUSH: [2] 1 = Short; 2 = Medium; 3 = Long

[1] 1 = Not Collared; 2 = Collared

D. CREASE: [1] 1 = Width 60% or less of Kernel; 2 = Width 80% or less of Kernel; 3 = Width Nearly as Wide as Kernel

[1] 1 = Depth 20% or less of Kernel; 2 = Depth 35% or less of Kernel; 3 = Depth 50% or less of Kernel

E. COLOR: [3] 1 = White; 2 = Amber; 3 = Red; 4 = Other (Specify) _____

F. TEXTURE: [2] 1 = Hard; 2 = Soft; 3 = Other (Specify) _____

G. PHENOL REACTION (See Instructions): [0] 1 = Ivory; 2 = Fawn; 3 = Light Brown; 4 = Dark Brown; 5 = Black

H. SEED WEIGHT: [ ][ ] g/1000 Seed (Whole number only)

I. GERM SIZE: [3] 1 = Small; 2 = Midsize; 3 = Large

14. DISEASE: PLEASE INDICATE THE SPECIFIC RACE OR STRAIN TESTED

(0 = Not Tested 1 = Susceptible 2 = Resistant 3 = Intermediate 4 = Tolerant)

[0]	Stem Rust (*Puccinia graminis* f. sp. *tritici*) Field	[4]	Leaf Rust (*Puccinia recondita* f. sp. *tritici*) Field races
[4]	Stripe Rust (*Puccinia striiformis*) races	[0]	Loose Smut (*Ustilago tritici*)
[0]	Tan Spot (*Pyrenophora tritici-repentis*)	[0]	Flag Smut (*Urocystis agropyri*)
[0]	Halo Spot (*Selenophoma donacis*)	[0]	Common Bunt (*Tilletia tritici or T. laevis*)
[0]	*Septoria nodorum* (Glume Blotch)	[0]	Dwarf Bunt (*Tilletia controversa*)
[0]	*Septoria avenae* (Speckled Leaf Disease)	[0]	Karnal Bunt (*Tilletia indica*)
[0]	*Septoria tritici* (Speckled Leaf Blotch)	[1]	Powdery Mildew (*Erysiphe graminis* f. sp. *tritici*) Field races E
[0]	Scab (*Fusarium* spp.)	[0]	Snow Molds tolerant to fi
[0]	Black Point (Kernel Smudge)	[0]	Common Root Rot (*Fusarium, Cochliobolus* and *Bipolaris* spp.)
[0]	Barley Yellow Dwarf Virus (BYDV)	[0]	Rhizoctonia Root Rot (*Rhizoctonia solani*)
[0]	Soilborne Mosaic Virus (SBMV)	[0]	Black Chaff (*Xanthomonas campestris* pv. *translucens*)
[0]	Wheat Yellow (Spindle Streak) Mosaic Virus	[0]	Bacterial Leaf Blight (*Pseudomonas syringae* pv. *syringae*)
[0]	Wheat Streak Mosaic Virus (WSMV)	[ ]	Other (*specify*) _____
[ ]	Other (*specify*) _____	[ ]	Other (*specify*) _____
[ ]	Other (*specify*) _____	[ ]	Other (*specify*) _____
[ ]	Other (*specify*) _____	[ ]	Other (*specify*) _____

15. INSECT: (0=Not Tested; 1=Susceptible; 2=Resistant; 3=Intermediate; 4=Tolerant)

PLEASE SPECIFY BIOTYPE (where needed)

[1]	Hessian Fly (*Mayetiola destructor*) Biotype E	[ ]	Other (*specify*)
[0]	Stem Sawfly (*Cephus* spp.)	[ ]	Other (*specify*)
[0]	Cereal Leaf Beetle (*Oulema melanopa*)	[ ]	Other (*specify*)

15. INSECT: (continued) (0=Not Tested; 1=Susceptible; 2=Resistant; 3=Intermediate; 4=Tolerant)

PLEASE SPECIFY BIOTYPE (where needed)

0	Russian Aphid (*Diuraphis noxia*)		Other (*specify*)
0	Greenbug (*Schizaphis graminum*) "C"		Other (*specify*)
0	Aphids		

16. ADDITIONAL INFORMATION ON ANY ITEM ABOVE, OR GENERAL COMMENTS:

None

Exhibit D.
Additional Description of 9700

9700 (DO2-8486) is a soft red winter wheat bred and developed by Syngenta Seeds, Inc and its legacy companies under the AgriPro Brand. The F5 head row that produced 9700 was selected for height, appearance, early maturity, and kernel soundness. Selection in advanced generations was based on yield, test weight, early maturity, plant height, appearance and resistance to the then current foliar disease pathogens.

9700 is adapted to and will be marketed in the lower Mississippi Valley and the southern east coast. Testing in Missouri, Tennessee, Kentucky, Arkansas, Louisiana, Mississippi, Georgia, South Carolina, North Carolina, and Virginia for the past 3 years has shown that 9700 is adapted in these areas. 9700 was tested in the Uniform Southern Soft Red Winter Wheat Nursery 2005-2006 as D02-8486. 9700 has competitive yields and good agronomic characteristics in the adapted area. 9700 is intended for grain production.

9700 is tolerant to the prevalent field races of stripe rust in the area. It is susceptible to the prevalent field races of powdery mildew in the east coast areas. 9700 has shown tolerance to the prevalent field races of leaf rust in the adapted area. 9700 is susceptible to Hessian fly. Acceptable baking qualities as compared to company and industry standards has been expressed.

9700 is a medium short in height with early season heading. Juvenile growth habit is semierect. Plant color at boot stage is blue green. Flag leaf at boot stage is erect and twisted. Waxy bloom is present on the head, stem and flag leaf sheath. Anther color is yellow. Head shape is tapering and apically awnletted. Glumes are glabrous, wide in width and midlong in length with oblique shoulders and obtuse beaks. Seed shape is ovate. Brush hairs are midlong in length and occupy a large area of the seed tip. Seed crease depth is shallow and width is narrow. Seed cheeks are rounded.

9700

Table 9: Quality data

Variety	Year	Loc	Wht Prot 14%mb	Flr Prot 14%mb	NHrd	FlrHrd	Brk FLR	Flr YLD	Flr Mst	CDiam	Top Grain	Ash
			%	%			%	%	%	cm	R	14%mb
9700	2005	CMS	10.5	9.1	15	32	44.4	69.4	13.6	19.4	2	0.43
9700	2004	MC	12.1	11.0	19	52	41.7	68.9	13.3	18.5	4	0.44
9700	2004	DA	11.1	9.9	13	41	38.7	65.9	13.5	19.0	3	0.45
9700	2003	SM	11.8	10.3	27		39.5	70.4	13.1	18.8	5	
9700	2003	DA	11.6	9.9	-2		42.5	68.2	13.5	19.4	2	
AVE			**11.4**	**10.0**	**14.4**	**41.7**	**41.4**	**68.6**	**13.4**	**19.0**	**3.2**	**0.4**
AGS 2000	2004	DA	10.0	8.7	12	38	44.3	72.5	13.1	19.0	3	0.43
AGS 2000	2004	MC	10.0	8.9	18	32	45.7	72.7	13.3	19.8	2	0.43
AGS 2000	2003	DA	11.6	10.1	3		46.4	73.0	13.1	19.2	3	0.45
AGS 2000	2003	SM	10.2	8.8	23		39.3	71.5	13.9	19.0	3	0.41
AGS 2000	2003	SM	10.4	9.0	21		41.7	73.0	13.4	19.3	3	0.41
AGS 2000	2003	SM	10.7	9.4	26		38.2	70.0	13.7	18.9	3	0.42
AGS 2000	2002	DA	11.4	9.8	18		43.0	73.1	13.1	19.5	2	0.40
AGS 2000	2002	SMA	10.6	9.4	1		42.2	71.5	13.5	19.1	4	0.41
AVE			**10.6**	**9.3**	**15.3**	**35.0**	**42.6**	**72.2**	**13.4**	**19.2**	**2.9**	**0.42**
BERETTA	2004	DA	10.0	8.4	9	-1	43.0	67.3	13.4	18.9	5	0.39
BERETTA	2004	MC	8.9	7.8	8	2	52.3	65.9	13.7	19.5	1	0.41
BERETTA	2003	SM	9.6	8.2	12		39.4	68.1	14.0	19.3	4	0.37
BERETTA	2003	DA	10.0	8.5	7		44.9	66.5	13.6	19.0	6	0.41
BERETTA	2002	DA	8.7	7.4	-4		43.5	70.1	13.3	19.2	4	0.38
BERETTA	2002	SM	10.0	8.3	0		42.8	69.1	13.5	18.9	5	0.38
AVE			**9.5**	**8.1**	**5.3**	**0.5**	**44.3**	**67.8**	13.6	**19.1**	**4.2**	**0.39**
COKER 9152	2004	DA	10.0	8.8	14	43	46.4	71.7	13.5	19.2	2	0.41
COKER 9152	2004	MC	10.9	9.5	17	33	45.2	72.0	13.4	19.4	2	0.43
COKER 9152	2003	SM	11.0	9.1	21		39.7	69.9	14.2	19.0	4	0.38
COKER 9152	2003	DA	12.0	10.3	12		46.1	71.2	13.3	19.3	2	0.39
COKER 9152	2002	DA	11.0	9.2	8		42.8	72.0	13.4	19.7	2	0.37
COKER 9152	2002	SM	10.8	8.9	2		42.6	71.0	13.7	19.2	2	0.37
AVE			**11.0**	**9.3**	**12.3**	**38.0**	**43.8**	**71.3**	13.6	**19.3**	**2.3**	**0.39**
DIXIE 900	2004	DA	9.1	8.1	8	33	47.0	71.3	13.1	18.8	3	0.41
DIXIE 900	2004	MC	8.7	7.8	1	28	48.8	71.0	13.4	19.2	3	0.40
DIXIE 900	2003	DA	9.6	8.4	8		46.1	68.0	13.7	19.6	2	0.43
DIXIE 900	2003	SM	10.0	8.1	24		38.8	68.5	14.1	19.4	2	0.43
AVE			**9.4**	**8.1**	**10.3**	**30.5**	**45.2**	**69.7**	13.6	**19.3**	**2.5**	**0.42**

9700

Table 2: Yield Data Bu/Ac

	ALL LOCATIONS		DELTA		SOUTH		SOUTH EAST
	1 YR	2 YR	1 YR	2 YR	1 YR	2 YR	1 YR
9700	**73**	**77**	**61**	**74**	**90**	**92**	**101**
COKER 9152	67		62		76		72
COKER 9663	70		61		84		88
NATCHEZ	70		61		88		86
BERETTA	77	79	68	76	83	82	79
USG 3209	75		70		90		89
26R78	85	84	80	80	88	81	80
AGS 2000	81	80	76	76	90	78	88
26R61	73		63		87		91
DIXIE 900	72	77			82	85	78
Test Mean	74	79	67	77	83	84	82
Trials w/ Data	19	25	9	15	4	6	2
LSD (0.05)	5.9	5.7	9.2		14	15	18.9
LSD (0.10)							
CV %	11.1	13.1	14.7	14.1	10.2	10.4	10.1
1 YR = 2006	2 YR = 2005 & 2006						

9700

Table 3: Agronomic Characteristics

	Test Weight Lb/Bu			Heading Date from 4/1			HEIGHT INCHES			Lodging 1-9		J. Growth Habit 1-5	
	2004	2005	2006	2004	2005	2006	2004	2005	2006	2005	2006	2005	2006
9700	**60**	**58**	**58**	**4/16**	**4/15**	**4/10**	**38**	**37**	**33**	**1**	**2**	**5**	**5**
COKER 9152			58			4/14			37		2		3
COKER 9663			58			4/13			37		3		3
NATCHEZ			58			4/17			37		3		4
BERETTA		57	58		4/25	4/18		38	33	1	1	1	2
USG 3209			59			4/12			31		1		4
26R78		58	59		4/23	4/15		38	35	1	2	4	2
AGS 2000	59	57	60	4/17	4/16	4/11	40	39	34	1	1		5
26R61			59			4/13			37		1		4
DIXIE 900	59	58	59	4/22		4/15	43	44	38	1	2	4	3
Test Mean		57	59		4/21	4/15		39	35	1	2	4	3
Trials w/ Data	4	5	19	4	3	9	5	4	12	3	5	1	2
LSD (0.05)		2.5	1.4		3	2		2	1		1.1	1	0.9
CV %		3.4	3.9		2	2		4	4	46.2	54.9	12.7	14

Test Weight (lb/bu): Average test weight across locations.
Heading Date: Average date after April 1.
Height: Averaged over locations.
Lodging 1 – 9 1 = none

Growth Habit 1 – 5 1 = Prostrate 3 = Semi-Erect 5 = Erect

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SYNGENTA SEEDS, INC. AGRIPRO COKER
LOCATIONS BY AREA

NAME	ABBR.	2006 ALL	2005 ALL	2006 DELTA	2005 DELTA	2006 SOUTH	2005 SOUTH	2006 SOUTHEAST
BROOKSTON, IN	BIN	X						
HENDERSON, KY	HKY	X						
HOPKINSVILLE, KY	HPKY	X	X		X			
MEXICO, MO	MMO	X						
BERNIE, MO	BMO	X		X				
PORTAGEVILLE, MO	PMO	X		X				
SIKESTON, MO	SMO							
JACKSON, TN	JTN	X	X	X	X			
DYERSBURG, TN	DTN		X		X			
EAST PRAIRIE, MO	EPMO	X	X	X	X			
JONESBORO, AR								
JONESBORO, AR HIGH MNGMT								
BAY, AR	BAR	X		X				
MARION, AR--CLAY								
MARKED TREE, AR	MTAR	X		X				
WHITEHALL, AR	WAR	X		X				
DEWITT, AR	DAR	X		X		X		
GREENVILLE, MS	GMS		X		X		X	
CLEVELAND, MS	CMS	X	X	X	X	X	X	
PLAINS, GA	PGA	X				X		X
TIFTON, GA	TGA	X				X		X
WINTERVILLE, NC	WNC	X						
PLYMOUTH, NC	PNC	X						
KINSTON, NC	KNC	X						
WARSAW, VA	WVA	X						
PROVIDENCE FORGE, VA	PFVA	X						

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Form Approved OMB NO 0581-0055

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE

EXHIBIT E
STATEMENT OF THE BASIS OF OWNERSHIP

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). The information is held confidential until the certificate is issued (7 U.S.C. 2426).

1. NAME OF APPLICANT(S)	2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER	3. VARIETY NAME
Monsanto Company	**D02-8486**	**"9700"**
4. ADDRESS *(Street and No.or RD No., City, State, Zip Code, and Country)*	**5. TELEPHONE** (include area code)	**6. FAX** (include area code)
800 N. Linbergh Blvd. **Mail Zone:E3NA** **Creve Coeur, Missouri 63167**	**785-210-0218**	**785-210-0231**
	7. PVPO NUMBER #200800320	

8. Does the applicant own all rights to the variety? Mark an "X" in the appropriate block. **If no, please explain** [X] YES [ ] NO

9. Is the applicant (individual or company) a U.S. national or a U.S. based company? **If no, give name of country.** [X] YES [ ] NO

10. Is the applicant the original owner? [X] YES [ ] NO **If no, please answer one of the following:**

a. If the original rights to variety were owned by individual(s), is (are) the original owner(s) a U.S. National(s)?
[ ] YES [ ] NO **If no, give name of country**

b. If the original rights to variety were owned by a company(ies), is (are) the original owner(s) a U.S. based company?
[ ] YES [ ] NO **If no, give name of country**

11. Additional explanation on ownership *(Trace ownership from original breeder to current owner. Use the reverse for extra space if needed)*:

Please see following page.

PLEASE NOTE:
Plant variety protection can only be afforded to the owners (not licensees) who meet the following criteria:

1. If the rights to the variety are owned by the original breeder, that person must be a U.S. national, national of a UPOV member country, or national of a country which affords similar protection to nationals of the U.S. for the same genus and species.
2. If the rights to the variety are owned by the company which employed the original breeder(s), the company must be U.S. based, owned by nationals of a UPOV member country, or owned by nationals of a country which affords similar protection to nationals of the U.S. for the same genus and species
3. If the applicant is an owner who is not the original owner, both the original owner and the applicant must meet one of the above criteria.

The original breeder/owner may be the individual or company who directed the final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definitions.

Exhibit E.
Statement of the Basis of Applicant's Ownership

The variety for which Plant Variety Protection is hereby sought was developed by Barton Fogleman, an employee of Syngenta Seeds, Inc. By agreement between employees and Syngenta, all rights to any invention, discovery, or development made by the employee are assigned to Syngenta Seeds, Inc., with no rights of any kind pertaining to '9700' being retained by the employee.

By contractual agreement between AgriPro Seeds, Inc. and Monsanto Company in 1996, the ownership of variety '9700' was transferred from AgriPro Seeds, Inc. to Monsanto Company. As part of this agreement, AgriPro Seeds, Inc. retained an exclusive license for development and commercial use of variety '9700'.

In 1999, this license was assigned to Advanta USA, Inc. as part of the transfer of all Variety Wheat Business assets from AgriPro Seeds, Inc. to Advanta USA, Inc.

In 2005, this license was assigned to Syngenta Seeds, Inc. as part of the transfer of all Variety Wheat Business assets from Advanta USA, Inc to Syngenta Seeds, Inc.

The term AgriPro used in this document is the marketing Brand name utilized throughout the ownership and licensing assignments listed above.

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY
PLANT VARIETY PROTECTION OFFICE
BELTSVILLE, MD 20705

EXHIBIT F
DECLARATION REGARDING DEPOSIT

NAME OF OWNER (S)	ADDRESS *(Street and No. or RD No., City, State, and Zip Code and Country)*	TEMPORARY OR EXPERIMENTAL DESIGNATION
Monsanto Company	800 N. Linbergh Blvd. Creve Coeur, MO 63167	*D02-8486* **VARIETY NAME** ***9700***
NAME OF OWNER REPRESENTATIVE (S)	**ADDRESS** *(Street and No. or RD No., City, State, and Zip Code and Country)*	**FOR OFFICIAL USE ONLY** **PVPO NUMBER**
Sally Metz **Chris Bruns**	**800 N. Linbergh Blvd.** **Creve Coeur, MO 63167**	200800320

I do hereby declare that during the life of the certificate a viable sample of propagating material of the subject variety will be deposited, and replenished as needed periodically, in a public repository in the United States in accordance with the regulations established by the Plant Variety Protection Office.

Chris Bruns
Signature

12/17/2008
Date